

WHAT IS CLAIMED IS:

1. A crimping press for producing a crimped connection with an upper tool and a lower tool, the upper tool being movable in a linear motion to crimp a contact onto an end of a conductor which contact is laid on the lower tool, comprising: a pressing slider slidably mounted on a crimping press for linear movement toward and away from a lower tool mounted on said crimping press; and an upper tool arranged on said pressing slider for movement therewith, said upper tool cooperating with said lower tool to crimp a contact onto an end of a conductor.

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2. The crimping press according to claim 1 including a tool receptacle on said pressing slider into which said upper tool is inserted and means for latching said upper tool in said tool receptacle.

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3. The crimping press according to claim 2 wherein said tool receptacle includes a force-sensing device for sensing crimping forces arising in said upper tool.

4. The crimping press according to claim 3 wherein said force-sensing device includes at least two sensors for sensing the crimping forces.

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5. The crimping press according to claim 4 wherein said sensors are arranged between a base and a cover of a sensor housing, said base and said cover each having an electrically conducting coating on an inside surface contacting a supporting surface of each of said sensors.

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6. The crimping press according to claim 2 wherein said upper tool has a wire crimper, an insulation crimper, and a cutting punch with an extension, said wire crimper and said insulation crimper being fixed to a holder fitting into said tool receptacle, and said cutting punch being supported in vertically movable manner on said holder, and said cutting punch being actuatable by said pressing slider through said extension.

7. The crimping press according to claim 2 wherein said tool receptacle arranged on said pressing slider has a lower fork and an upper fork holding said upper tool and wherein said force-sensing device is between said upper fork and said pressing slider.

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8. A crimping press for producing a crimped connection comprising:
a crimping press;
a lower tool mounted on said crimping press;
a pressing slider slidably mounted on a crimping press for linear movement toward
10 and away from said lower tool; and
an upper tool arranged on said pressing slider for movement therewith, said upper
tool cooperating with said lower tool to crimp a contact onto an end of a
conductor.

15 9. The crimping press according to claim 8 including a tool receptacle on said pressing slider into which said upper tool is inserted and means for latching said upper tool in said tool receptacle.

10. The crimping press according to claim 9 wherein said tool receptacle includes a
20 force-sensing device for sensing crimping forces arising in said upper tool.

11. The crimping press according to claim 10 wherein said force-sensing device includes at least two sensors for sensing the crimping forces.

25 12. The crimping press according to claim 11 wherein said sensors are arranged between a base and a cover of a sensor housing, said base and said cover each having an electrically conducting coating on an inside surface contacting a supporting surface of each of said sensors.

13. The crimping press according to claim 9 wherein said upper tool has a wire crimper, an insulation crimper, and a cutting punch with an extension, said wire crimper and said insulation crimper being fixed to a holder fitting into said tool receptacle, and said cutting punch being supported in vertically movable manner on said holder, and said cutting punch 5 being actuatable by said pressing slider through said extension.

14. The crimping press according to claim 9 wherein said tool receptacle arranged on said pressing slider has a lower fork and an upper fork holding said upper tool and wherein said force-sensing device is between said upper fork and said pressing slider.